RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/579,690
Source:	TEWP.
Date Processed by STIC:	05/31/2000
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ENTERED



IFWP

RAW SEQUENCE LISTING DATE: 05/31/2006
PATENT APPLICATION: US/10/579,690 TIME: 13:31:55

Input Set .: E:\SEQUEST.txt

Output Set: N:\CRF4\05312006\J579690.raw

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4 <110> APPLICANT: BASF AKTIENGESELLSCHAFT et al.
      6 <120> TITLE OF INVENTION: METHODS FOR THE PREPARATION OF LYSINE BY
              FERMENTATION OF CORYNEBACTERIUM GLUTAMICUM
     10 <130> FILE REFERENCE: BGI-158PC2
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/579,690
C--> 13 <141> CURRENT FILING DATE: 2006-05-18
     15 <150> PRIOR APPLICATION NUMBER: PCT/IB2003/006456
     16 <151> PRIOR FILING DATE: 2003-12-18
     18 <160> NUMBER OF SEQ ID NOS: 24
     20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                             1. 15
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     24 <212> TYPE: DNA
     25 <213> ORGANISM: Corynebacterium glutamicum
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     28 <221> NAME/KEY: CDS
     29 <222> LOCATION: (22)...(1029)
     31 <400> SEQUENCE: 1
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     34
                                                  5
     36 cgt aac ctt gct atg gag ctg gtg cga gtt acg gaa gca gct gca ctg
                                                                           99
     37 Arg Asn Leu Ala Met Glu Leu Val Arg Val Thr Glu Ala Ala Ala Leu
     40 gct tct gga cgt tgg gtt gga cgt ggc atg aag aat gaa ggc gac ggt
     41 Ala Ser Gly Arg Trp Val Gly Arg Gly Met Lys Asn Glu Gly Asp Gly
                                         35
     44 gcc gct gtt gac gcc atg cgc cag ctc atc aac tca gtg acc atg aag
                                                                           195
     45 Ala Ala Val Asp Ala Met Arg Gln Leu Ile Asn Ser Val Thr Met Lys
                                     50
     48 ggc gtc gtt gtt atc ggc gag ggc gaa aaa gac gaa gct cca atg ctg
                                                                           243
     49 Gly Val Val Ile Gly Glu Gly Glu Lys Asp Glu Ala Pro Met Leu
                                 65
     52 tac aac ggc gaa gag gtc gga acc ggc ttt gga cct gag gtt gat atc
                                                                           291
     53 Tyr Asn Gly Glu Glu Val Gly Thr Gly Phe Gly Pro Glu Val Asp Ile
     54 75
                             80
                                                  85
     56 gca gtt gac cca gtt gac ggc acc acc ctg atg gct gag ggt cgc ccc
                                                                           339
     57 Ala Val Asp Pro Val Asp Gly Thr Thr Leu Met Ala Glu Gly Arg Pro
                         95
                                             100
     60 aac gca att tcc att ctc gca gct gca gag cgt ggc acc atg tac gat
                                                                           387
     61 Asn Ala Ile Ser Ile Leu Ala Ala Ala Glu Arg Gly Thr Met Tyr Asp
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64 cca tcc tcc gtc ttc tac atg aag aag atc gcc gtg gga cct gag gcc

Input Set : E:\SEQLIST.txt

Output Set: N:\CRF4\05312006\J579690.raw

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		_		aag Lys		_		-	_		_	_						483
	73,			aag Lys														531
				cgt Arg														579
				aag Lys														627
				gct Ala 205														675
San Alley				cca Pro														723
	93		gaa	atc Ile														771
	96	aag		cac His														819
	100	Ası				tcc Ser					Phe					Val	g acc L Thr	867
	104	aad Asr			Met					l Sei					ı Gly		a acc a Thr	915
		Thi		g Ser					g Ala					: Ile			atc Ile	963
	113		g tct ı Sei	gto				Ser					ι Туз				gac L Asp 330	1011
	116	tao Ty	c acc	c acc			*	ı gaç	gctct	tag	ttcg	gaaaa	ac (egeeg	gcca	it		1059
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	125	<21	13> (TYPE: ORGAN SEQUE	NISM:	Cor	yneb	acte	erium	n glı	ıtami	icum						
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Input Set : E:\SEQLIST.txt

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130 Leu Val Arg Val Thr Glu Ala Ala Leu Ala Ser Gly Arg Trp Val 25 132 Gly Arg Gly Met Lys Asn Glu Gly Asp Gly Ala Ala Val Asp Ala Met 134 Arg Gln Leu Ile Asn Ser Val Thr Met Lys Gly Val Val Val Ile Gly 136 Glu Gly Glu Lys Asp Glu bla Pro Met Leu Tyr Asn Gly Glu Glu Val. 70 138 Gly Thr Gly Phe Gly Pro Glu Val Asp Ile Ala Val Asp Pro Val Asp 140 Gly Thr Thr Leu Met Ala Glu Gly Arg Pro Asn Ala Ile Ser Ile Leu 141 100 105 142 Ala Ala Ala Glu Arg Gly Thr Met Tyr Asp Pro Ser Ser Val Phe Tyr 143 115 120 144 Met Lys Lys Ile Ala Val Gly Pro Glu Ala Ala Gly Lys Ile Asp Ile 135 146 Glu Ala Pro Val Ala His Asn Ile Asn Ala Val Ala Lys Ser Lys Gly 150 155 148 The Ash Pro Ser Ash Val Thr Val Val Val Leu Asp Arg Pro Arg His 🚞 🖒 🎉 170 150 Ile Glu Leu Ile Ala Asp Ile Arg Arg Ala Gly Ala Lys Val Arg Leu 185 . 180 152 Ile Ser Asp Gly Asp Val Ala Gly Ala Val Ala Ala Gln Asp Ser 200 154 Asn Ser Val Asp Ile Met Met Gly Thr Gly Gly Thr Pro Glu Gly Ile 215 156 Ile Thr Ala Cys Ala Met Lys Cys Met Gly Gly Glu Ile Gln Gly Ile 230 235 158 Leu Ala Pro Met Asn Asp Phe Glu Arg Gln Lys Ala His Asp Ala Gly 245 250 160 Leu Val Leu Asp Gln Val Leu His Thr Asn Asp Leu Val Ser Ser Asp 265 162 Asn Cys Tyr Phe Val Ala Thr Gly Val Thr Asn Gly Asp Met Leu Arg 275 280 164 Gly Val Ser Tyr Arg Ala Asn Gly Ala Thr Thr Arg Ser Leu Val Met 166 Arg Ala Lys Ser Gly Thr Ile Arg His Ile Glu Ser Val His Gln Leu 310 315 168 Ser Lys Leu Gln Glu Tyr Ser Val Val Asp Tyr Thr Thr Ala Thr 172 <210> SEQ ID NO: 3 173 <211> LENGTH: 35 174 <212> TYPE: DNA 175 <213> ORGANISM: Artificial Sequence 177 <220> FEATURE: 178 <223> OTHER INFORMATION: Synthetic construct 180 <400> SEQUENCE: 3 181 gagagagaga cgcgtcccag tggctgagac gcatc 35 183 <210> SEQ ID NO: 4

Input Set : E:\SEQLIST.txt

Output Set: N:\CRF4\05312006\J579690.raw

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     191 <400> SEQUENCE: 4
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     195 <211> LENGTH: 4323
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     197 <213> ORGANISM: Corynebacterium glutamicum
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     201 tategtegae ategatgete ttetgegtta attaacaatt gggateetet agaceeggga 120
     202 tttaaatege tagegggetg ctaaaggaag eggaacaegt agaaageeag teegeagaaa 180
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     204 gcaaagagaa agcaggtagc ttgcagtggg cttacatggc gatagctaga ctgggcggtt 300
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  207 agatetgate aagagacagg atgaggateg tttegeatga ttgaacaaga tggattgeac 480
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     212 agggactggc tgctattggg cgaagtgccg gggcaggatc tcctgtcatc tcaccttgct 780
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Input Set : E:\SEQLIST.txt

Output Set: N:\CRF4\05312006\J579690.raw

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276 <212> TYPE: DNA
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VERIFICATION SUMMARY

DATE: 05/31/2006

PATENT APPLICATION: US/10/579,690 TIME: 13:31:56

Input Set : E:\SEQLIST.txt

Output Set: N:\CRF4\05312006\J579690.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date